

Title (en)

MULTI-SENSOR, AUTONOMOUS ROBOTIC VEHICLE WITH MAPPING CAPABILITY

Title (de)

AUTONOMES ROBOTERFAHRZEUG MIT MEHREREN SENSOREN UND KARTIERUNGSFÄHIGKEIT

Title (fr)

VÉHICULE ROBOTISÉ AUTONOME À CAPTEURS MULTIPLES AYANT UNE CAPACITÉ CARTOGRAPHIQUE

Publication

**EP 3234721 A1 20171025 (EN)**

Application

**EP 15823026 A 20151217**

Priority

- US 201462093041 P 20141217
- IB 2015059735 W 20151217

Abstract (en)

[origin: WO2016098050A1] A method for recording data from at least one sensor of a robotic vehicle responsive to the robotic vehicle transiting a portion of a parcel and determining a confidence score associated with the recorded data for each of a plurality of potential detection events. The confidence score may correspond to a probability that the recorded data corresponds to an object or feature. The method may further include generating map data comprising one or more objects or features correlated to potential detection events based at least in part on the confidence score of the respective objects or features.

IPC 8 full level

**G05D 1/02** (2006.01)

CPC (source: EP US)

**G01S 19/13** (2013.01 - US); **G05D 1/0214** (2024.01 - US); **G05D 1/0274** (2024.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016098050 A1 20160623**; EP 3234721 A1 20171025; EP 3234721 B1 20211124; EP 3971672 A1 20220323; US 10338602 B2 20190702; US 2017364090 A1 20171221

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